

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US2004/038496

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 C12Q1/68

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, Sequence Search, EMBASE, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 465 176 B1 (GIORDANO TONY ET AL) 15 October 2002 (2002-10-15) sequence 5, column 27; claims 1, 7 -----	45, 46
X	ASANO KATSURA ET AL: "The translation initiation factor eIF3-p48 subunit is encoded by int-6, a site of frequent integration by the mouse mammary tumor virus genome" JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 272, no. 38, 1997, pages 23477-23480, XP002316897 ISSN: 0021-9258 abstract ----- -/--	53, 54

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

16 February 2005

Date of mailing of the international search report

07/03/2005

Name and mailing address of the ISA

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 97/25860 A (ALLEGHENY UNIVERSITY OF THE HEALTH SCIENCES; HALPERN, MICHAEL, S; ENGL) 24 July 1997 (1997-07-24) sequence 4, pages 56-58 -----	1-54
A	LI ZHENG ET AL: "Targeting HER-2/neu-overexpressing breast cancer cells by an antisense iron responsive element-directed gene expression" CANCER LETTERS, vol. 174, no. 2, 28 December 2001 (2001-12-28), pages 151-158, XP002316898 ISSN: 0304-3835 page 152, "Materials and methods"; page 156; abstract -----	1-54
P,X	WO 2004/065561 A (PTC THERAPEUTICS, INC; CAO, LIANGXIAN; TRIFILLIS, PANAYIOTA) 5 August 2004 (2004-08-05) page 152, SEQ ID 68; pages 161-163; claims -----	1-54

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International application No.

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## Box No. I Nucleotide and/or amino acid sequence(s) (Continuation of item 1.b of the first sheet)

1. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, the international search was carried out on the basis of:
  - a. type of material
    - ☒ a sequence listing
    - ☐ table(s) related to the sequence listing
  - b. format of material
    - ☒ in written format
    - ☒ in computer readable form
  - c. time of filing/furnishing
    - ☒ contained in the international application as filed
    - ☒ filed together with the international application in computer readable form
    - ☐ furnished subsequently to this Authority for the purpose of search
2. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
3. Additional comments:

# INTERNATIONAL SEARCH REPORT

information on patent family members

International Application No

PCT/US2004/038496

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 6465176	B1	15-10-2002	CA	2344618 A1	13-04-2000
			EP	1117841 A1	25-07-2001
			WO	0020637 A1	13-04-2000
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WO 9725860	A	24-07-1997	AU	717356 B2	23-03-2000
			AU	1699297 A	11-08-1997
			CA	2241952 A1	24-07-1997
			EP	0923284 A1	23-06-1999
			JP	2001501909 T	13-02-2001
			WO	9725860 A1	24-07-1997
			US	6365151 B1	02-04-2002
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WO 2004065561	A	05-08-2004	US	2004214223 A1	28-10-2004
			WO	2004065561 A2	05-08-2004
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